

Amendment to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Currently amended) A method comprising:

receiving a plurality of signal inputs from a plurality of antenna elements;

determining whether a reduced power consumption mode has been selected;

using all of said signal inputs if said reduced power consumption mode is not detected; and

responsive to said selection of reduced power consumption, determining a signal strength of the plurality of signal inputs; and determining a combination of multiple ones of the plurality of signal inputs to combine in a combined signal, the combination having a ~~number of~~ multiple signal inputs, but a number that is less than all of the plurality of signal inputs and using only said combination of multiple signal input, if said reduced power consumption mode is detected.

2. (Original) The method of claim 1, further comprises:

outputting the combined signal to a user device.

3. (Original) The method of claim 2, wherein the user device is coupled to communicate with another user device in a wireless network.

4. (Original) The method of claim 3, wherein the user device is one of a personal computer, a handheld computer, and a remote control device.

5. (Original) The method of claim 1, wherein determining a combination comprises determining a combined signal strength greater than any of the signal strengths of the plurality of inputs.

6. (Canceled).

7. (Previously presented) The method of claim 1, wherein the plurality of signal inputs comprises five signal inputs.

8. (Original) The method of claim 7, wherein the number of signal inputs combined in the combined signal comprises three signal inputs.

9. (Currently amended) An article comprising a machine-readable medium including machine-executable instructions operative to a cause a machine to:

receive a plurality of signal inputs from a plurality of antenna elements;

determine whether a reduced power consumption mode has been selected; and

use all of said signal inputs if said reduced power consumption mode is not detected; and

responsive to said selection of reduced power consumption, determine a signal strength of the plurality of signal inputs, and determine a combination of multiple ones of the plurality of signal inputs to combine in a combined signal, the combination having a number of multiple signal inputs that is less than all of the plurality of signal inputs and use only said combination of multiple signal input, if said reduced power consumption mode is detected.

10. (Original) The article of claim 9, further comprises: outputting the combined signal to a user device.

11. (Original) The article of claim 10, wherein the user device is coupled to communicate with another user device in a wireless network.

12. (Original) The article of claim 11, wherein the user device is one of a personal computer, a handheld computer, and a remote control device.

13. (Original) The article of claim 9, wherein determining a combination comprises determining a combined signal strength greater than any of the signal strengths of the plurality of inputs.

14. (Canceled).

15. (Previously presented) The article of claim 9, wherein the plurality of signal inputs comprises five signal inputs.

16. (Original) The article of claim 15, wherein the number of signal inputs combined in the combined signal comprises three signal inputs.

17. (Currently amended) A system, comprising: a transceiver to receive a plurality of signal inputs;  
a storage medium for storing executable instructions and data; and

a processor for determining a signal strength for each of the plurality of signal inputs, the processor to determine whether a reduced power consumption mode has been selected, use all of said signal inputs if said reduced power consumption mode is not detected and determine a combination of multiple ones of the plurality of signal inputs to combine in a combined signal responsive to said selection of reduced power consumption, the combination having ~~a number of~~ multiple signal inputs that is less than all of the plurality of signal inputs and using only said combination of multiple signal input, if said reduced power consumption mode is detected.

18. (Original) The system of claim 17, further comprises:

a plurality of antenna elements, each of the plurality of antenna elements corresponding to a one of the plurality of signal inputs.

19. (Original) The system of claim 18, wherein the processor further comprises a processor configured to output the combined signal to a user device.

20. (Original) The system of claim 18, wherein the processor further comprises a processor configured to determine

a combined signal strength greater than any of the signal strengths of the plurality of inputs.

21. (Canceled).

22. (Original) The article of claim 9, wherein the plurality of signal inputs comprises at least five signal inputs, and wherein the number of signal inputs combined in the combined signal comprises three signal inputs.

23. (Previously presented) A method as in claim 1, wherein said determining comprises determining signal-to-noise ratios of each of the plurality of signal inputs, sorting the signal inputs according to their signal-to-noise ratios, and selecting only some of the signals based on the sorted signal-to-noise ratios.

24. (Previously presented) An article as in claim 9, wherein said determine comprises receiving a plurality of signal inputs, determining signal-to-noise ratio of each of the plurality of signal inputs, sorting the signal inputs according to their signal-to-noise ratio, and selecting only some of the signal inputs based on the sorted signal to noise ratio.

25. (Previously presented) A system as in claim 17, wherein said processor also receives information indicative of the signal-to-noise ratios of the plurality of signal inputs, sorts the signal inputs according to their signal-to-noise ratio, and selects only some of the signal inputs based on the sorted signal-to-noise ratio.